

**Top Secret**



DIRECTORATE OF  
INTELLIGENCE

## *Imagery Analysis Service Notes*

31 October 1969

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This publication highlights significant or timely intelligence items derived from photography.

The interpretations in this publication represent preliminary views which are subject to modification in the light of further information and more complete analysis.

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CENTRAL INTELLIGENCE AGENCY  
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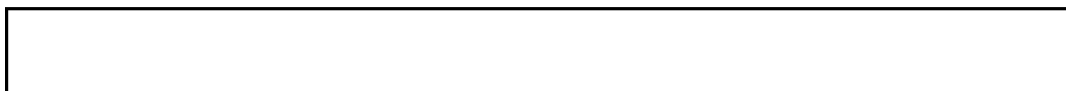
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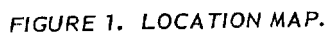
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USSR

New Radar Sites Suggest Moscow Air Defense Is Being Strengthened

Seven new air warning radar sites have been identified just west of the air warning radar ring around Moscow, about 200 nm from the center of the city. Each of the sites consists of numerous radar mounds aligned along an access road. The location and orientation of these sites suggest that the air defense of the Moscow area is being strengthened (see Figure 1).

Six of the sites were newly identified on KH-4 photography of late [redacted] Two of them appeared to be complete and four were still being constructed. They were probably started during the [redacted] [redacted] At least two of these six sites contained a Tall King radar under construction. The Tall King provides initial long-range detection of incoming aircraft.



It has not been determined whether sites such as these are present in other sectors outside the Moscow air warning radar ring.

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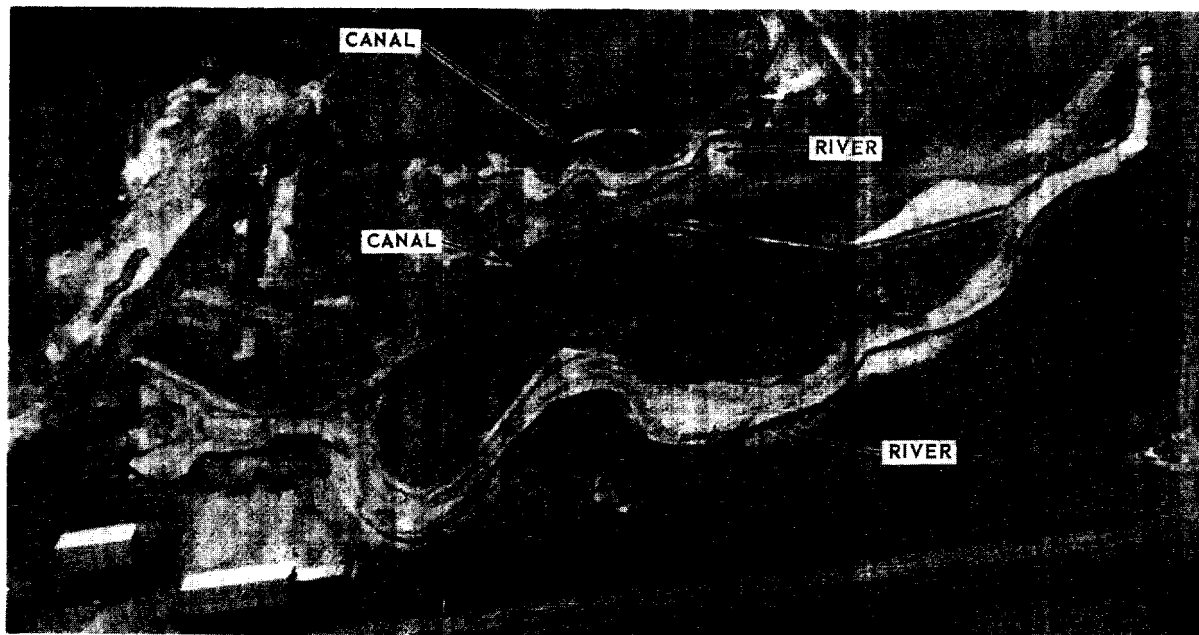


FIGURE 4. TWO MODELS OF TAEDONG RIVER AT HYDROLOGY FACILITY, PYONGYANG,



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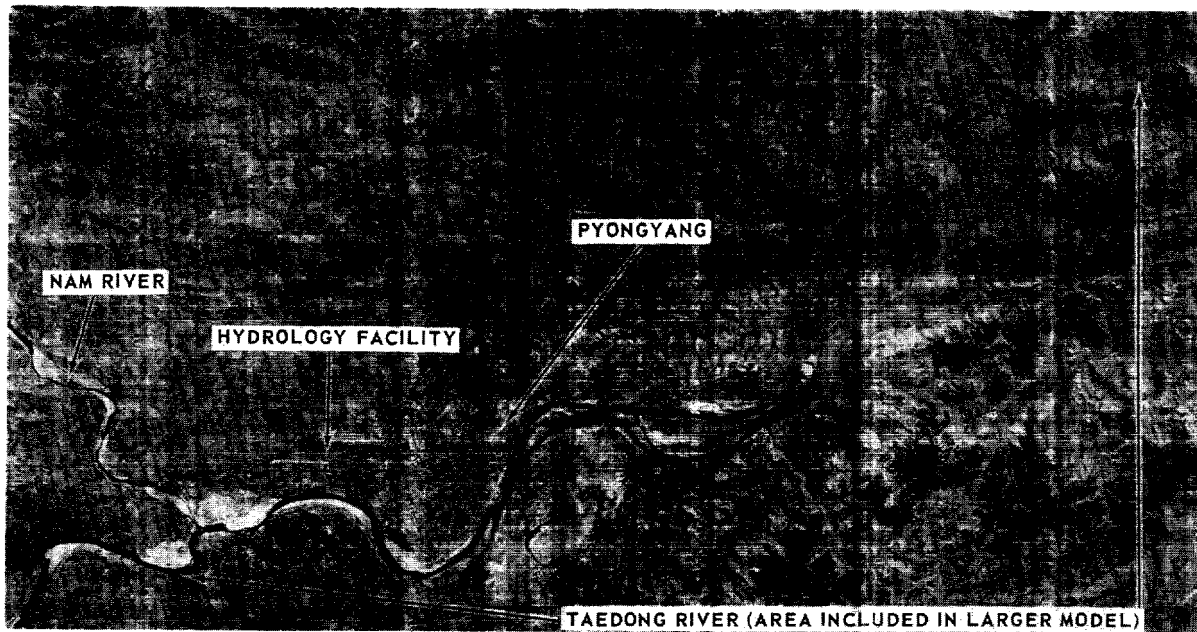


FIGURE 5. SECTION OF TAEDONG RIVER AT PYONGYANG,



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NORTH KOREA

River Study Project at Pyongyang

Large-scale photography of [ ] reveals a hydrological research facility under construction at Pyongyang, containing two models of the section of the Taedong River which passes through the city. The purpose of the project may be to study proposed flood control measures. Both models include a canal, which does not yet exist, bypassing Pyongyang. Construction of the facility was first observed in [ ]

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The two models simulate approximately the same section of the Taedong River, starting from the point of confluence with the Nam River. (For comparative photography of the models and the river, see Figures 4 and 5.) The larger model follows the river to a point about 20 nm downstream, and the smaller one follows the river on to where it empties into the Korea Bay. The larger model has a pumphouse with two outlets, so it can simulate the flow of both rivers, and the smaller one has a smaller pumphouse with only one outlet. An adjacent area contains several support buildings, a buried tank, and a large building under construction which will probably contain offices and laboratories.

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